



PATENT  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. : 10/091,169  
Applicant : Erkki Heinonen et al.  
Filed : March 4, 2002  
Title : Non-Invasive Determination of Conditions in the Circulatory  
System of a Subject  
  
TC/A.U. : 3736  
Examiner : Navin Natnithithadha  
  
Docket No. : 2532-00290

AMENDMENT

Milwaukee, Wisconsin 53202  
February 9, 2005

Commissioner for Patents  
Mail Stop - Amendment - Fee  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action of September 9, 2004, kindly amend the above identified application, as follows.

The substantive allowance of claims 1-31 and 67-69 is noted and appreciated. The following amendment and argument for allowance are directed to the rejection of claims 32-55 and 58-66.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 5 of this paper.

**Remarks/Arguments** begin on page 18 of this paper.